

LOCATION RESPONSIVE APPLICATION DEVELOPMENT AND SYSTEM**ABSTRACT**

5 A method and implementing system are provided for enabling
the use of predetermined geometric models and polygonal
representations of geographic areas in developing GPS-
related application programs. In an exemplary embodiment, a
development process uses GPS streams of data and a set of
10 rules or a syntax for referencing predetermined shapes in
defining various geographical areas of interest. Different
areas are defined in terms of polygons and named for storage
in a database for retrieval in the development of programs
related to the areas. GPS data streams are used to locate or
15 define key points in the area polygons and these points are
related to GPS signals received by an application device to
enable processing and development of various applications
which depend upon receiver device location.